

REQUEST

For receiving Office use only	
International Application No.	
International Filing Date	
Name of receiving Office and "PCT International Applicati	a=#

international ambiguities has measured	1	
international application be processed according to the Patent Cooperation Treaty.	Name of receiving Of	ffice and "PCT International Application"
according to the ratent Cooperation Treaty.	Applicant's or agent's in (if desired) (12 charact	file reference 2001 025
Box No. I TITLE OF INVENTION A METHOD FOR RAPID FAULT INTERPRETATION OF FA THREE-DIMENSIONAL SEISMIC DISCONTINUITY DATA		
Box No. II APPLICANT This person	is also inventor	
Name and address: (Family name followed by given name; for a legal entity, fi The address must include postal code and name of country. The country of the ada Box is the applicant's State (that is, country) of residence if no State of residence is	dress indicated in this	Telephone No. 713-431-7360
EXXONMOBIL UPSTREAM RESEARCH COMPANY P. O. Box 2189	mutuu caa,	Facsimile No. 713-431-4664
Houston, Texas 77252.2189 United States of America	ı	Teleprinter No.
	1	Applicant's registration No. with the Office
State (that is, country) of nationality: US	State (that is, country US	y) of residence:
This person is applicant all designated all designate for the purposes of:		the United States of America only the States indicated in the Supplemental Box
Box No. III FURTHER APPLICANT(S) AND/OR (FURT		
Name and address: (Family name followed by given name; for a legal entity, for The address must include postal code and name of country. The country of the add Box is the applicant's State (that is, country) of residence if no State of residence is KIM, Chui-Sung 8411 Hunters Creek Drive Houston, Texas 77024 United States of America	dress indicated in this	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office
State (that is, country) of nationality:	State (that is, countr)	y) of residence:
This person is applicant all designated all designated for the purposes of: States all designated the United States		the United States the States indicated in of America only the Supplemental Box
Further applicants and/or (further) inventors are indicated on	a continuation sheet.	
Box No. IV AGENT OR COMMON REPRESENTATIVE	; OR ADDRESS FOR	CORRESPONDENCE
The person identified below is hereby/has been appointed to act or of the applicant(s) before the competent International Authorities a	as:	
Name and address: (Family name followed by given name; for a legal entity, fi The address must include postal code and name of country		Telephone No. 713-431-7360
PLUMMER, J. Paul ExxonMobil Upstream Research Company P. O. Box 2189		Facsimile No. 713-431-4664
Houston, Texas 77252.2189 United States of America		Teleprinter No.
		Agent's registration No. with the Office 40,775
Address for correspondence: Mark this check-box where n space above is used instead to indicate a special address to w	o agent or common repr which correspondence s'	resentative is/has been appointed and the hould be sent.

Sheet	No?	<u></u>
Continuation of Box No. III FURTHER APPLICANT	S AND/OR (FURT	HER) INVENTOR(S)
If none of the following sub-boxes is used, this sheet should	d not to be included	in the request.
Name and address: (Family name followed by given name; for a legal entity, j The address must include postal code and name of country. The country of the ad Bax is the applicant's State (that is, country) of residence if no State of residence is GILLARD, Dominique G. 2131 Swift Boulevard Houston, Texas 77030 United States of America	dress indicated in this	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office
State (that is, country) of nationality: Switzerland	State (that is, coun	try) of residence:
This person is applicant all designated all designate for the purposes of:	d States except tates of America	the United States of America only the States indicated in the Supplemental Box
Name and address: (Family name followed by given name; for a legal entity, fi The address must include postal code and name of country. The country of the add Box is the applicant's State (that is, country) of residence if no State of residence is HOLL, James E. 7807 Hickory Mill Court Houston, Texas 77095 United States of America	dress indicated in this	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office
State (that is, country) of nationality: US	State (that is, count	(ry) of residence:
This person is applicant all designated all designated for the purposes of:	d States except tates of America	the United States of America only the States indicated in the Supplemental Box
Name and address: (Family name followed by given name; for a legal entity, further address must include postal code and name of country. The country of the address must include postal code and name of country. The country of the address is the applicant's State (that is, country) of residence if no State of residence is DOBIN, Mark 19 Clarion Ridge The Woodlands, Texas 77382 United States of America	ress indicated in this	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office
State (that is, country) of nationality: US	State (that is, count	ry) of residence:
		the United States the States indicated in the Supplemental Box
Name and address: (Family name followed by given name; for a legal entity, full the address must include postal code and name of country. The country of the address must include postal code and name of country. The country of the address is the applicant's State (that is, country) of residence if no State of residence is in IAUGE, Thomas A. 1448 Heights Boulevard Houston, Texas 77008 19 Juited States of America	ess indicated in this	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office
state (that is, country) of nationality: JS	State (that is, country US	y) of residence:
his person is applicant all designated all designated the United States		he United States the States indicated in the Supplemental Box
Further applicants and/or (further) inventors are indicated on a	another continuation sh	neet.

Form PCT/RO/101 (continuation sheet) (March 2001; reprint January 2003) LegalStar 2003, Form PCTREQ

See Notes to the request form

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Sneet	NO.	 .	

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Во	x No.	V DESIGNATION OF STATES	,	Λ	Mark the applicable check-boxes be	elow;	at i	least one must be marked.
Th	e follo	owing designations are hereby made ur	der	Rule 4	4.9(a):			
Re	giona	l Patent						
	_	ARIPO Patent: GH Ghana, GM C Sierra Leone, SZ Swaziland, TZ Un State which is a Contracting State of			DE Kenya, LS Lesotho, MW Mal blic of Tanzania, UG Uganda, ZM e Protocol and of the PCT (if other	awi, I Zan kind	MZ nbia l of i	Z Mozambique, SD Sudan, SL, ZW Zimbabwe, and any other protection or treatment desired,
X	EA	Eurasian Patent: AM Armenia, A Moldova, RU Russian Federation, T	Z A J Ta	zerba jikista	aijan, BY Belarus, KG Kyrgyzst an, TM Turkmenistan, and any oth	an, l ner Si	KZ tate	Kazakhstan, MD Republic of which is a Contracting State of
Ø	European Patent: AT Austria, BE Belgium, BG Bulgaria, CH & LI Switzerland and Liechtenstein, CY Cyprus, CZ Czech Republic, DE Germany, DK Denmark, EE Estonia, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, SE Sweden, SI Slovenia, SK Slovakia, TR Turkey, and any other State which is a Contracting State of the European Patent Convention and of the PCT							
×	OA	OAPI Patent: BF Burkina Faso, Cameroon, GA Gabon, GN Guinea, SN Senegal, TD Chad, TG Togo, at PCT (if other kind of protection or tree	BJ GQ id ar eatm	Benz Equany oth ent de	in, CF Central African Republication of Guinea, GW Guinea-Bissauter State which is a member State estred, specify on dotted line	c, C(1, MI of O	G C L M API	Congo, CI Côte d'Ivoire, CM ali, MR Mauritania, NE Niger, and a Contracting State of the
Na	tional	Patent (if other kind of protection or	trea	tment	desired, specify on dotted line):			
_	AE	United Arab Emirates				X	ΝZ	New Zealand
=	AG	Antigua and Barbuda			Croatia			
	AL	Albania						
_		Armenia			Indonesia			Poland
X	AT	Austria			Israel	X	РΤ	Portugal
X	ΑU	Australia			India	\boxtimes	RO	Romania
×	ΑZ	Azerbaijan			Iceland			Russian Federation
X	BA	Bosnia and Herzegovina			Japan			
\boxtimes	вв	Barbados			Kenya		SC	
×	BG	Bulgaria						
×	BR	Brazil			Democratic People's Republic			Sweden
\boxtimes	BY	Belarus			of Korea		SG	Singapore
X	ΒZ	Belize	X	KR	Republic of Korea			
X	CA	Canada			Kazakhstan			
X	CH	& LI Switzerland and Liechtenstein	\times	LC	Saint Lucia	X '	TJ	Tajikistan
X	CN	China	X	LK	Sri Lanka	\boxtimes	TM	Turkmenistan
X	CO	Colombia	X	LR	Liberia	X	TN	Tunisia
X	CR	Costa Rica	X	LS	Lesotho	X ·	TR	Turkey
X	CU	Cuba	X	LT	Lithuania		TT	Trinidad and Tobago
X	CZ	Czech Republic	X	LU	Luxembourg			
X	DE	Germany				X '	TZ	United Republic of Tanzania
X	DK	Denmark			Morocco	X	UA	Ukraine
X	DM	Dominica	X	MD	Republic of Moldova	X I	UG	Uganda
X	DZ	Algeria				X	US	United States of America
\boxtimes	EC	Ecuador	X	MG	Madagascar			
X	EE	Estonia	\mathbf{X}	MK	The former Yugoslav Republic of	∑ ī	UZ	Uzbekistan
X	ES	Spain			Macedonia	X v	VC	Saint Vincent and the Grenadines
X	FI	Finland	\boxtimes	MN	Mongolia	× 🗵	VN	Viet Nam
X	GB	United Kingdom	\boxtimes	MW	Malawi	\boxtimes	YU	Yugoslavia
\boxtimes	GD	Grenada	_		Mexico	$\boxtimes 2$	ZA	South Africa
X	GE	Georgia	X	MZ	Mozambique			Zambia
X	GH	Ghana	\boxtimes	NO	Norway	\boxtimes 2	ZW	Zimbabwe
					Albana barana a da Borna	. :		an afakia akaat.
		oxes below reserved for designating S						
		Nicaragua						
		Papua New Guinea						
Prec	aution	nary Designation Statement: In add gnations which would be permitted u from the scope of this statement. Th	ition nder	to the	ne designations made above, the a PCT except any designation(s) industry the large start those additional de-	pplicate	ant ed in	also makes under Rule 4.9(b) all the Supplemental Box as being are subject to confirmation and

other designations which would be permitted under the PCT except any designations (s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation (including fees) must reach the receiving Office within the 15-month time limit.)

Supplemental Box If the Supplemental Box is not used, this sheet should not be included in the request.

If, in any of the Boxes, except Boxes Nos VIII(i) to (v) for which a special continuation box is provided, the space is insufficient to furnish all the information: in such case, write "Continuation of Box No..." (indicate the number of the Box) and furnish the information in the same manner as required according to the captions of the Box in which the space was insufficient, in particular:

if more than two persons are to be indicated as applicants and/or inventors and no "continuation sheet" is available: in such case, write "Continuation of Box No. III" and indicate for each additional person the same type of information as required in Box No. III. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below;

if, in Box No. II or in any of the sub-boxes of Box No. III, the indication "the States indicated in the Supplemental Box" is checked: in such case, write "Continuation of Box No. II" or "Continuation of Box No. III" or "Continuation of Boxes No. II and No. III" (as the case may be), indicate the name of the applicant(s) involved and, next to (each) such name, the State(s) (and/or, where applicable, ARIPO, Eurasian, European or OAPI patent) for the purposes of which the named person is applicant;

if, in Box No. II or in any of the sub-boxes of Box No. III, the inventor or the inventor/applicant is not inventor for the purposes of all designated States or for the purposes of the United States of America: in such case, write "Continuation of Box No. II" or "Continuation of Box No. III" or "Continuation of Boxes No. II and No. III" (as the case may be), indicate the name of the inventor(s) and, next to (each) such name, the State(s) (and/or, where applicable, ARIPO, Eurasian, European or OAPI patent) for the purposes of which the named person is inventor;

(iv)
if, in addition to the agent(s) indicated in Box No. IV, there are further agents: in such case, write "Continuation of Box No. IV" and indicate for each further agent the same type of information as required in Box No. IV;

if, in Box No. V, the name of any State (or OAPI) is accompanied by the indication "patent of addition," or "certificate of addition," or if, in Box No. V, the name of the United States of America is accompanied by an indication "continuation" or "continuation-in-part": in such case, write "Continuation of Box No. V" and the name of each State involved (or OAPI), and after the name of each such State (or OAPI), the number of the parent title or parent application and the date of grant of the parent title or filing of the parent application;

if, in Box No. VI, there are more than five earlier applications whose priority is claimed: in such case, write "Continuation of Box No. VI" and indicate for each additional earlier application the same type of information as required in Box No. VI.

2.

If, with regard to the precautionary designation statement contained in Box No. V, the applicant wishes to exclude any State(s) from the scope of that statement: in such case, write "Designation(s) excluded from precautionary designation statement" and indicate the name or two-letter code of each State so excluded.

CONTINUATION OF BOX IV:

SMITH, Charles E. COLLINS, Douglas J. HOEFLING, Marcy M. KATZ, Gary P. LAWSON, Gary D. PLUMMER, J. Paul WARNER, Darrell E. WILSON, Pamela L. WOLFS, Denise Y.

of

EXXONMOBIL UPSTREAM RESEARCH COMPANY

P. O. Box 2189 Houston, Texas 77252-2189 United States of America

	(s	Sheet No5	()	
Box No. VI PRIORI	ITY CLAIM			
The priority of the followi	ing earlier application(s) is hereby	y claimed:		
Filing date				
of earlier application (day/month/year)	of earlier application	national application: country or Member of WTO	regional application:* regional Office	international application
item (1) (18/10/2002)	60/419,505	US		
18 October 2002 item (2)				
item (3)				
item (4)				
item (5)				
Further priority claim	ns are indicated in the Supplemen	Ital Box.		
Office) identified above as		to the International Burwhich for the purposes of item (3) item (4)	of this international app	the earlier application(s) clication is the receiving other, see
	tion is an ARIPO application, indic ember of the World Trade Organizat			Supplemental Box on for the Protection of .10(b)(ii)):
Down No. Will ENTERDA	LATIONAL CEARCONNIC AND			
Choice of International S	ATIONAL SEARCHING AUT Searching Authority (ISA) (if the Authority chosen; the two-letter	Wo or more International	Searching Authorities are	competent to carry out the
	earlier search; reference to th		earch has been carried ou	it by or requested from the
mernational Searching Autho Date (day/month/year)	Number	Country (or region	onal Office)	
Box No. VIII DECLAR	ATIONS			
The following declarations check-boxes below and indi	s are contained in Boxes Nos. Vicate in the right column the num	III (i) to (v) (mark the a ber of each type of declar	pplicable ration):	Number of declarations
Box No. VIII (i)	Declaration as to the identity	of the inventor	:	:
Box No. VIII (ii)	Declaration as to the applican date, to apply for and be grant	it's entitlement, as at the inted a patent	nternational filing :	1
Box No. VIII (iii)	Declaration as to the applican date, to claim the priority of the	t's entitlement, as at the ir he earlier application	nternational filing :	6
Box No. VIII (iv)	Declaration of inventorship (o United States of America)	only for the purposes of th	e designation of the :	3
Box No. VIII (v)	Declaration as to non-prejudic	cial disclosures or exception	ons to lack of novelty:	

		Sheet No	6		
	DECLARATION: ENTIT				
The declaration must c (in general) and the sp	conform to the standardized vecific Notes to Box No. VII	d wording provided for i II (ii). If this Box is not i	n Section 212; s used, this sheet s	ee Notes to Boxes No hould not be included	s. VIII, VIII (i) to (v) I in the request.
Declaration as to the ap 51 bis.1(a)(ii)), in a case	pplicant's entitlement, as at e where the declaration und	the international filing of der Rule 4.17(iv) is not a	late, to apply for appropriate:	and be granted a pat	ent (Rules 4.17(ii) an
In relation to this In granted a patent by	nternational Application, virtue of the following:	ExxonMobil Upstrear	n Research Co	ompany is entitled	to apply for and b
An Assignment from A. HAUGE to EXX 2002.	m CHUL-SUNG KIM, DC ONMOBIL UPSTREAM I	OMINIQUE G. GILLAR RESEARCH COMPAN	D, MARK W. D NY executed or	OOBIN, JAMES E. H n November 5, 200	OLL and THOMAS 2 and November 6
This declaration is r	made for the purposes o	f all designations.			

			_		
	()		No	()	
Box No. VIII (iii)	DECLARATION: EN				
				213; see Notes to Boxes I sheet should not be inclu	
Declaration as to the below, where the ap- filing of the earlier a	e applicant's entitlement, oplicant is not the applica application (Rules 4.17(iii	as at the internation ant who filed the ea i) and 51 bis.1(a)(iii)	nal filing date, to cluding the cluding th	laim the priority of the ea where the applicant's na	rlier application specific me has changed since t
In relation to this U.S. Provisional	s International Applica Application No. 60/419	ition, ExxonMobil 0,5605 by virtue of	Upstream Reseathe following:	arch Company is entitle	ed to claim priority of
An Assignment f A. HAUGE to EX 2002.	rom CHUL-SUNG KIM CXONMOBIL UPSTRE	, DOMINIQUE G. AM RESEARCH C	GILLARD, MARK OMPANY execu	W. DOBIN, JAMES E ited on November 5, 20	HOLL and THOMAS O2 and November 6,
This declaration	is made for the purpos	es of all designation	ons.		

		Sheet No	.8		
Box No. VIII (iii) D	DECLARATION: ENTITLE	MENT TO CLAI	M PRIORIT	Y	
The declaration must co (in general) and the spe	conform to the standardized wor ecific Notes to Box No. VIII (iii	rding provided for). If this Box is no	r in Section 21 ot used, this st	3; see Notes to Boxes neet should not be incl	Nos. VIII, VIII (i) to (v) uded in the request.
Declaration as to the arbelow, where the appli filing of the earlier appl	pplicant's entitlement, as at the icant is not the applicant who f lication (Rules 4.17(iii) and 51	international filin filed the earlier ap bis.1(a)(iii)):	g date, to clai plication or v	m the priority of the e here the applicant's n	arlier application specifie ame has changed since th
in relation to this int	ternational application				
KIM, Chul-Sung is e	entiled to claim priority of ea	rlier application			
No. 60/419,505					
by virtue of the follo	owing:				
the applicant is the	inventor of the subject matte	er for which prote	ection was so	ought by way of the	earlier application.
This declaration is n	made for the pursposes of th	e following desi	gnations for	national and/or regio	onal patents: US
	·				

		Sheet No	9		
Box No. VIII (iii)	DECLARATION: ENTI			ITY	
The declaration mus (in general) and the	et conform to the standardize specific Notes to Box No. Vi	ed wording provided j III (iii). If this Box is	for in Section not used, this	213; see Notes to B sheet should not be	oxes Nos. VIII, VIII (i) to (v) included in the request.
Declaration as to the below, where the ap filing of the earlier a	e applicant's entitlement, as plicant is not the applicant pplication (Rules 4.17(iii) a	at the international fi who filed the earlier nd 51bis.1(a)(iii)):	ling date, to c application or	laim the priority of where the applican	the earlier application specifient's name has changed since the
in relation to this	international application				
GILLARD, Domir	nique G. is entiled to clain	n priority of earlier a	pplication		
No. 60/419,505					
by virtue of the fo	ollowing:				
the applicant is the	ne inventor of the subject	matter for which pr	otection was	sought by way of	the earlier application.
This declaration i	s made for the pursposes	s of the following de	esignations fo	or national and/or	regional patents: US
	•				
This declared			CT	7 PW7 / 11 / 11	
	is continued on the followi			. VШ (iii)".	S N

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Box No. VIII (iii) DECLARATION: ENTITLEMENT TO CLAIM PRIORITY

The declaration must conform to the standardized wording provided for in Section 213; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No. VIII (iii). If this Box is not used, this sheet should not be included in the request.

Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application specified below, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii)):

in relation to this international application

HOLL, James E. is entiled to claim priority of earlier application

No. 60/419,505

by virtue of the following:

the applicant is the inventor of the subject matter for which protection was sought by way of the earlier application.

This declaration is made for the pursposes of the following designations for national and/or regional patents: US



Sheet No. ...11

(- 20)

Box No. VIII (iii) DECLARATION: ENTITLEMENT TO CLAIM PRIORITY

The declaration must conform to the standardized wording provided for in Section 213; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No. VIII (iii). If this Box is not used, this sheet should not be included in the request.

Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application specified below, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii)):

in relation to this international application

DOBIN, Mark is entiled to claim priority of earlier application

No. 60/419,505

by virtue of the following:

the applicant is the inventor of the subject matter for which protection was sought by way of the earlier application.

This declaration is made for the pursposes of the following designations for national and/or regional patents: US



Sheet No. ... 12

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Box No. VIII (iii) DECLARATION: ENTITLEMENT TO CLAIM PRIORITY

The declaration must conform to the standardized wording provided for in Section 213; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No. VIII (iii). If this Box is not used, this sheet should not be included in the request.

Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application specified below, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii)):

in relation to this international application

HAUGE, Thomas A. is entiled to claim priority of earlier application

No. 60/419,505

by virtue of the following:

the applicant is the inventor of the subject matter for which protection was sought by way of the earlier application.

This declaration is made for the pursposes of the following designations for national and/or regional patents: US

Sheet	Nο	13	

Box No. VIII (iv) DECLARATION: INVENTORSHIP (only for the purposes of the designation of the United States of America)

The declaration must conform to the following standardized wording provided for in Section 214; see Notes to Boxes Nos. VIII (i) to (v) (in general and the specific Notes to Box No. VIII (iv). If this Box is not used, this sheet should not be included in the request.

Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the United States of America:

I hereby declare that inventor is listed below	I believe I am the original, first and sole (if or w) inventor of the subject matter which is claimed	aly one inventor is listed below) or joint (if more than one and for which a patent is sought.
This declaration is dire	ected to the international application of which it for	orms a part (if filing declaration with application).
This declaration is directo Rule 26ter).	ected to international application No. PCT/	(if furnishing declaration pursuant
I hereby declare that rr	ny residence, mailing address, and citizenship are	as stated next to my name.
claims of said applica foreign priority, and I the World Trade Orga other than the United S	tion. I have identified in the request of said ap have identified below, under the heading "Prior nization, day, month and year of filing, any appl	the above-identified international application, including the oplication, in compliance with PCT Rule 4.10, any claim to Applications," by application number, country or Member of ication for a patent or inventor's certificate filed in a country all application designating at least one country other than the tion on which foreign priority is claimed.
Prior Applications:		
§1.56, including for c	the duty to disclose information that is known be ontinuation-in-part applications, material inform the PCT international filing date of the continuation	by me to be material to patentability as defined by 37 C.F.R. ation which became available between the filing date of the on-in-part application.
belief are believed to like so made are punis	be true; and further that these statements were m	ge are true and that all statements made on information and ade with the knowledge that willful false statements and the Section 1001 of Title 18 of the United States Code and that on or any patent issued thereon.
Name: KIM, Chul-Su	ng	
(city and either US star	te, if applicable, or country)	
(if not contained in tadded under Rule 2	the request, or if declaration is corrected or 26ter after the filing of the international ature must be that of the inventor, not that of	Date: 9/2/03. (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)
Name: GILLARD, Do	minique, G	
Residence: Houston.	Texaste, if applicable, or country)	
Mailing Address: 213	1 Swift Boulevard	
added under Rule 2	the request, or if declaration is corrected or 26ter after the filing of the international ature must be that of the inventor, not that of	Date:O.J/O.J.O

 \boxtimes





Box No. VIII (iv) DECLARATION: INVENTORSHIP (only for the purposes of the designation of the United States of America)

The declaration must conform to the following standardized wording provided for in Section 214; see Notes to Boxes Nos. VIII (i) to (v) (in general and the specific Notes to Box No. VIII (iv). If this Box is not used, this sheet should not be included in the request.

Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the United States of America:

for the purposes of the designation of the	he United States of America:
I hereby declare that I believe I am the original, first and sole (if or inventor is listed below) inventor of the subject matter which is claimed	ly one inventor is listed below) or joint (if more than one and for which a patent is sought.
This declaration is directed to the international application of which it for	orms a part (if filing declaration with application).
This declaration is directed to international application No. PCT/ to Rule 26ter).	(if furnishing declaration pursuant
I hereby declare that my residence, mailing address, and citizenship are	as stated next to my name.
I hereby state that I have reviewed and understand the contents of the claims of said application. I have identified in the request of said application priority, and I have identified below, under the heading "Prior the World Trade Organization, day, month and year of filing, any application than the United States of America, including any PCT internation United States of America, having a filing date before that of the application	plication, in compliance with PCT Rule 4.10, any claim to Applications," by application number, country or Member of ication for a patent or inventor's certificate filed in a country al application designating at least one country other than the
- 1.0 PP	
I hereby acknowledge the duty to disclose information that is known b §1.56, including for continuation-in-part applications, material information application and the PCT international filing date of the continuation	ation which became available between the filing date of the
I hereby declare that all statements made herein of my own knowledge belief are believed to be true; and further that these statements were melike so made are punishable by fine or imprisonment, or both, under such willful false statements may jeopardize the validity of the application	ade with the knowledge that willful false statements and the Section 1001 of Title 18 of the United States Code and that
Name: HOLL, James E.	
Residence: Houston, Texas	
Mailing Address: 7807 Hickory Mill Court Houston, Texas 77095	
Citizenship: USA. Inventor's Signature: And I feeling of the international application. The signature must be that of the inventor, not that of the agent)	Date: 9/03/03 (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)
Name: DOBIN, Mark	
Residence: The Woodlands, Texas(city and either US state, if applicable, or country)	••••••
Mailing Address: 19 Clarion Ridge	
Citizenship: USA Inventor's Signature: Mark Or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	Date: 9.11.7 (0.3. (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

X

Sheet No. .. 15...

Box No. VIII (iv) DECLARATION: INVENTORSHIP (only for the purposes of the designation of the United States of America)

The declaration must conform to the following standardized wording provided for in Section 214; see Notes to Boxes Nos. VIII (i) to (v) (in general and the specific Notes to Box No. VIII (iv). If this Box is not used, this sheet should not be included in the request.

Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the United States of America:

for the purposes of the designation of the	le United States of America:
I hereby declare that I believe I am the original, first and sole (if on inventor is listed below) inventor of the subject matter which is claimed	ly one inventor is listed below) or joint (if more than one and for which a patent is sought.
This declaration is directed to the international application of which it fo	orms a part (if filing declaration with application).
This declaration is directed to international application No. PCT/ to Rule 26ter).	(if furnishing declaration pursuant
I hereby declare that my residence, mailing address, and citizenship are	as stated next to my name.
I hereby state that I have reviewed and understand the contents of the claims of said application. I have identified in the request of said application priority, and I have identified below, under the heading "Prior A the World Trade Organization, day, month and year of filing, any application than the United States of America, including any PCT international United States of America, having a filing date before that of the applications	plication, in compliance with PCT Rule 4.10, any claim to Applications," by application number, country or Member of cation for a patent or inventor's certificate filed in a country al application designating at least one country other than the
2 1.01 1.pp	
I hereby acknowledge the duty to disclose information that is known by §1.56, including for continuation-in-part applications, material information application and the PCT international filing date of the continuation	ation which became available between the filing date of the
I hereby declare that all statements made herein of my own knowledge belief are believed to be true; and further that these statements were made ike so made are punishable by fine or imprisonment, or both, under S such willful false statements may jeopardize the validity of the application	ade with the knowledge that willful false statements and the section 1001 of Title 18 of the United States Code and that
Name: HAUGE, Thomas A.	
Residence: Houston, Texas	
Mailing Address: 1448 Heights Boulevard Houston, Texas 77008	
and the state of t	
Citizenship: USA Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	Date: 2003 (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)
Name:	
Residence:	
Mailing Address:	
Citizenship:	Date:
This declaration is continued on the following sheet, "Continuation	of Box No. VIII (iv)".

Sheet	Nο	1	6

Box No. IX CHECK LIST; LANGUAGE O	F FILING	
This international application contains:	This international application is accompanied by the following	Number
(a) in paper form, the following number of sheets:	item(s) (mark the applicable check-boxes below and indicate in right column the number of each item):	of items
request (including	1. fee calculation sheet	: 1
declaration sheets) : 16	2. a original separate power of attorney	: 1
description (excluding sequence listings and/or	3. original general power of attorney	:
tables related thereto) : 18	4. copy of general power of attorney; reference number,	•
claims : 3 abstract : 1	if any:	•
drawings : 5	6. priority document(s) identified in Box No. VI as	•
42	item(s):	:
Sub-total number of succes	7. translation of international application into (language):	:
sequence listings : tables related thereto :	8 separate indications concerning deposited microorganism	
(for both actual number of	or other biological material	:
sheets if filed in paper form, whether or not also filed in	9. sequence listings in computer readable form (indicate type and number of carriers)	
computer readable form; see	(i) copy submitted for the purposes of international search	
(c) below) :	under Rule 13ter only (and not as part of the international application)	•
Total number of sheets : 43	1	•
(b) only in computer readable form (Section 80 I(a)(i))	(ii) (only where check-box (b)(i) or (c)(i) is marked in left column) additional copies including, where applicable, the copy for the purposes of international search under	
(i) sequence listings	the copy for the purposes of international search under Rule 13ter	:
(ii) tables related thereto	(iii) together with relevant statement as to the identity of the co or copies with the sequence listings mentioned in left column	py Ti
(c) also in computer readable form (Section 801(a)(ii))		··· :
(i) sequence listings	10. tables in computer readable form related to sequence listings (indicate type and number of carriers)	
(ii) tables related thereto	(i) copy submitted for the purposes of international search und	ler
Type and number of carriers (diskette, CD-ROM, CD-R or other) on which are contained the	Section 802(b-quater) only (and not as part of the international application)	:
sequence listings:	(ii) (only where check-box (b)(ii) or (c)(ii) is marked in left	
tables related thereto:	column) additional copies including, where applicable, the copy for the purposes of international search under Section 802(b-quater)	ı :
(additional copies to be indicated under items 9(ii) and/or 10(ii), in right column)	(iii) together with relevant statement as to the identity of the coor copies with the tables mentioned in left column	py :
	11. at other (specify): Return Receipt Postcard	: 1
Figure of the drawings which	Language of filing of the	
should accompany the abstract: 1	international application: English	
	AGENT OR COMMON REPRESENTATIVE nd the capacity in which the person signs (if such capacity is not obvious from reading the r	request).
		· · · · · · · · · · · · · · · · · · ·
x 1. Paul Plum		
	Date: September / ,2003	
J./Paul Plummer, Agent	•	
Express Mail Label No. EU959479643US		
Date of actual receipt of the purported	For receiving Office use only	Prossinger
international application:	2. 1	Drawings:
3. Corrected date of actual receipt due to later by	,	received:
timely received papers or drawings completing purported international application:		
Date of timely receipt of the required corrections under PCT Article 11(2):		not received:
5. International Searching Authority ISA/	6. Transmittal of search copy delayed until search fee is paid	:
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Date of receipt of the record copy by the International Bureau:	•	